

Relationship between IWRAP indicators and Ballona restoration Goals

IWRAP Indicators		Ballona Sub-goals			
Indicator Class	Specific Indicator	Habitat	Biodiversity	Chem/Phys Process	Sustainability
Resource Extent	wetland and riparian habitat extent and distribution	X			
Stressors	Landscape Development Intensity Index (LDI)- percent impervious surface for estuarine unique catchments- watershed population of estuaries				
Hydrology	inlet condition- effective tidal range- salinity			X	X
Physical Condition	bathymetry and elevation			X	X
Biogeochemistry/ Contaminants/Eutrophication	sediment constituents- macroalgal extent and biomass- water column chlorophyll a- dissolved oxygen			X	
Biology	fish species diversity and abundance- overwintering bird community composition- light-footed clapper rail- Belding's savannah sparrow- infauna diversity & abundance- plant species diversity & abundance- eelgrass depth distribution		X		
Overall Condition	CRAM attributes and stressors	X		X	

Questions to consider re: Ballona monitoring

1. Are there additional indicators that should be considered for Ballona?
2. Are there indicators that should be modified or spatially intensified for Ballona?
3. Are there indicators that should be excluded from the Ballona monitoring?